

what if?

alternative growth scenarios



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alternative growth scenarios

for projections 2009

Performance Targets



Driving per capita by 10 percent



Carbon emissions by 40 percent



PM2.5 by 10 percent



PM10 by 45 percent



Congestion by 20 percent



Greenfield Development



Non-auto access to jobs
and services by 20 percent

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Two Futures, Circa 2035

Scattered Success

- Consistent w/ Projections 2007
- Some growth in urbanized areas, near job centers and transit
- Within cities, growth mostly continues as projected within local plans
- Continued growth in areas far from jobs, without transit or walkability, i.e. North Bay and eastern Contra Costa

Focused Future

- More aggressive than Proj. 2007
- Most growth in urbanized counties, near jobs and transit
- Within counties & cities, growth directed to downtowns and transit areas to promote, non-auto mobility
- Nominal growth in areas without transit or jobs, i.e. North Bay counties, eastern Contra Costa

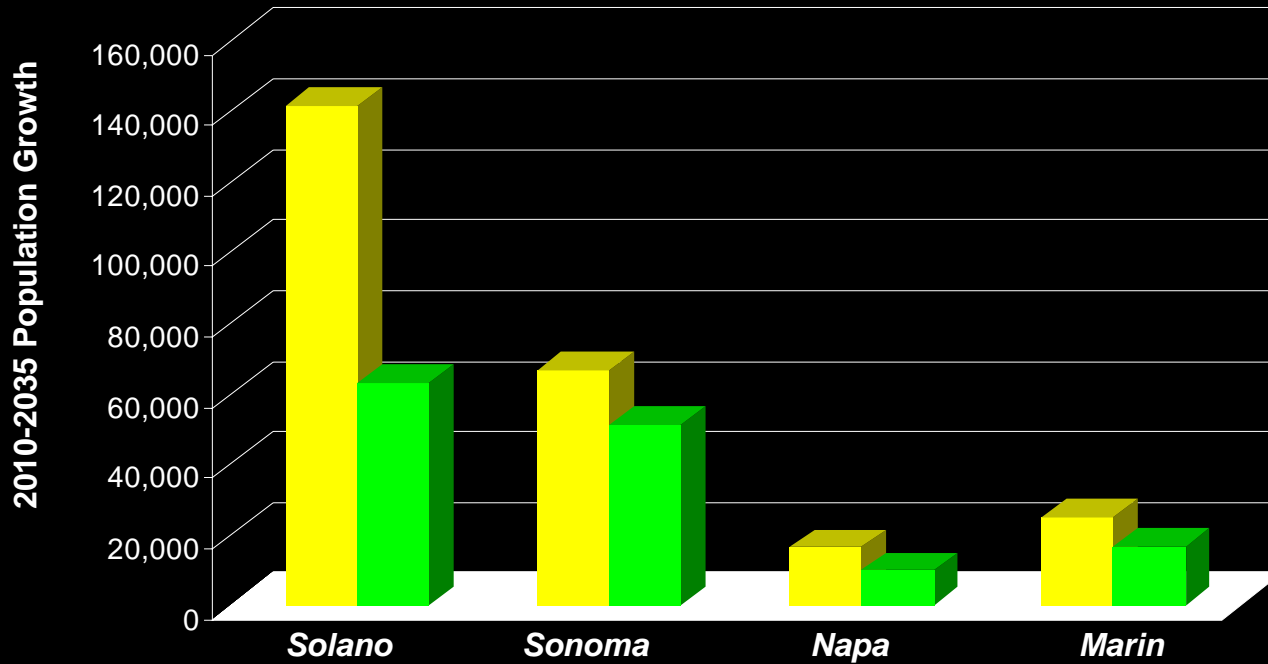
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alternative growth scenarios



Two Futures, Circa 2035

Total Population North Bay



what if?

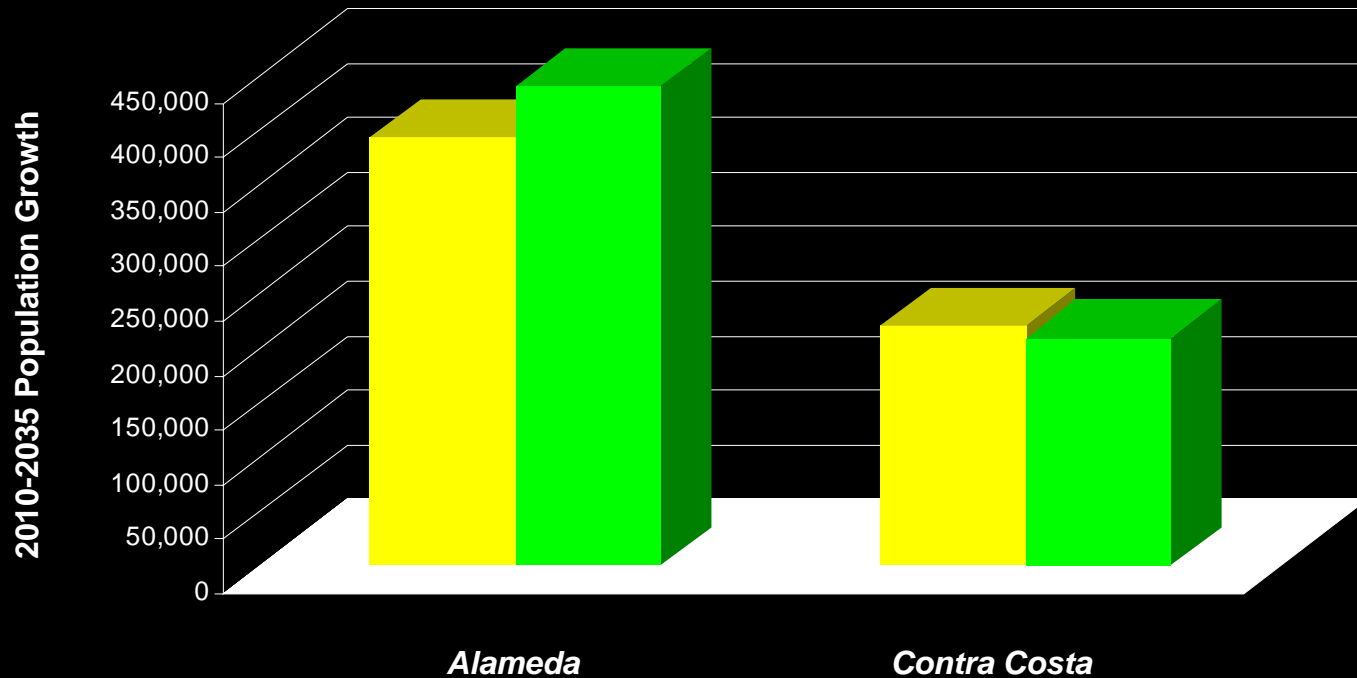
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■ Scattered Success
■ Focused Future

Two Futures, Circa 2035

Total Population East Bay



■ Scattered Success
■ Focused Future

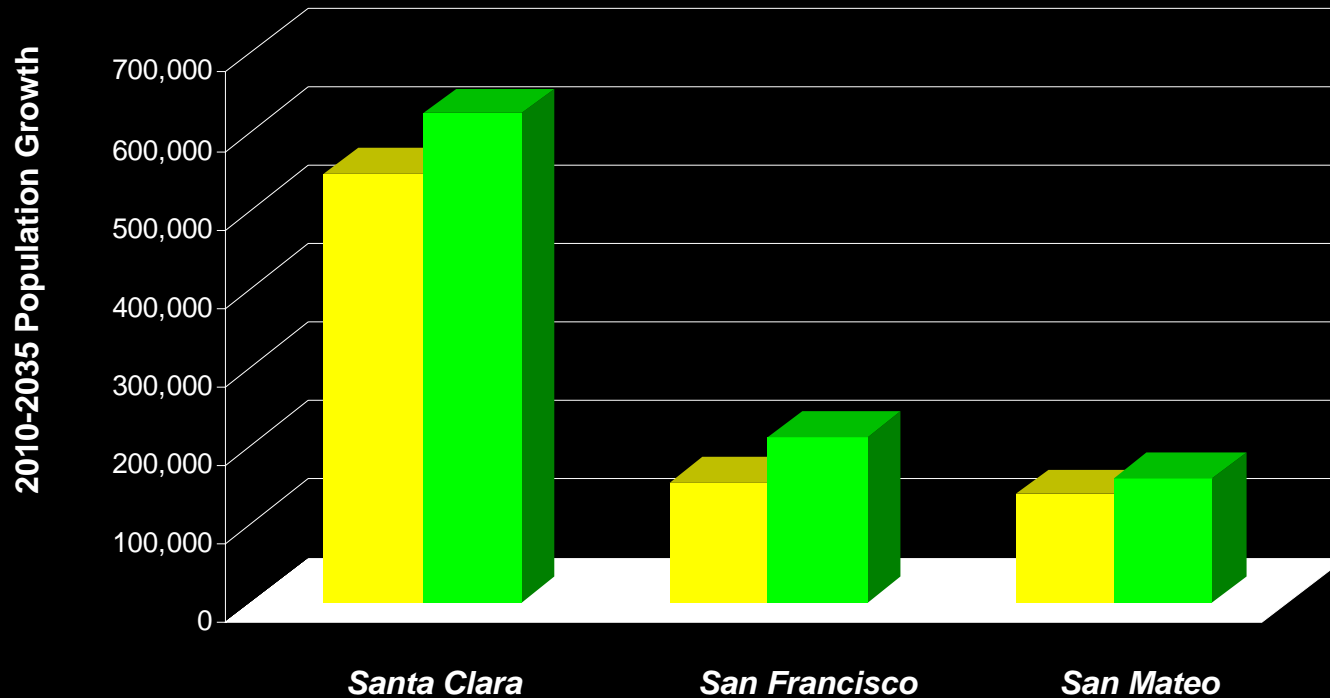
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Two Futures, Circa 2035

Total Population Santa Clara, San Francisco, San Mateo



what if?

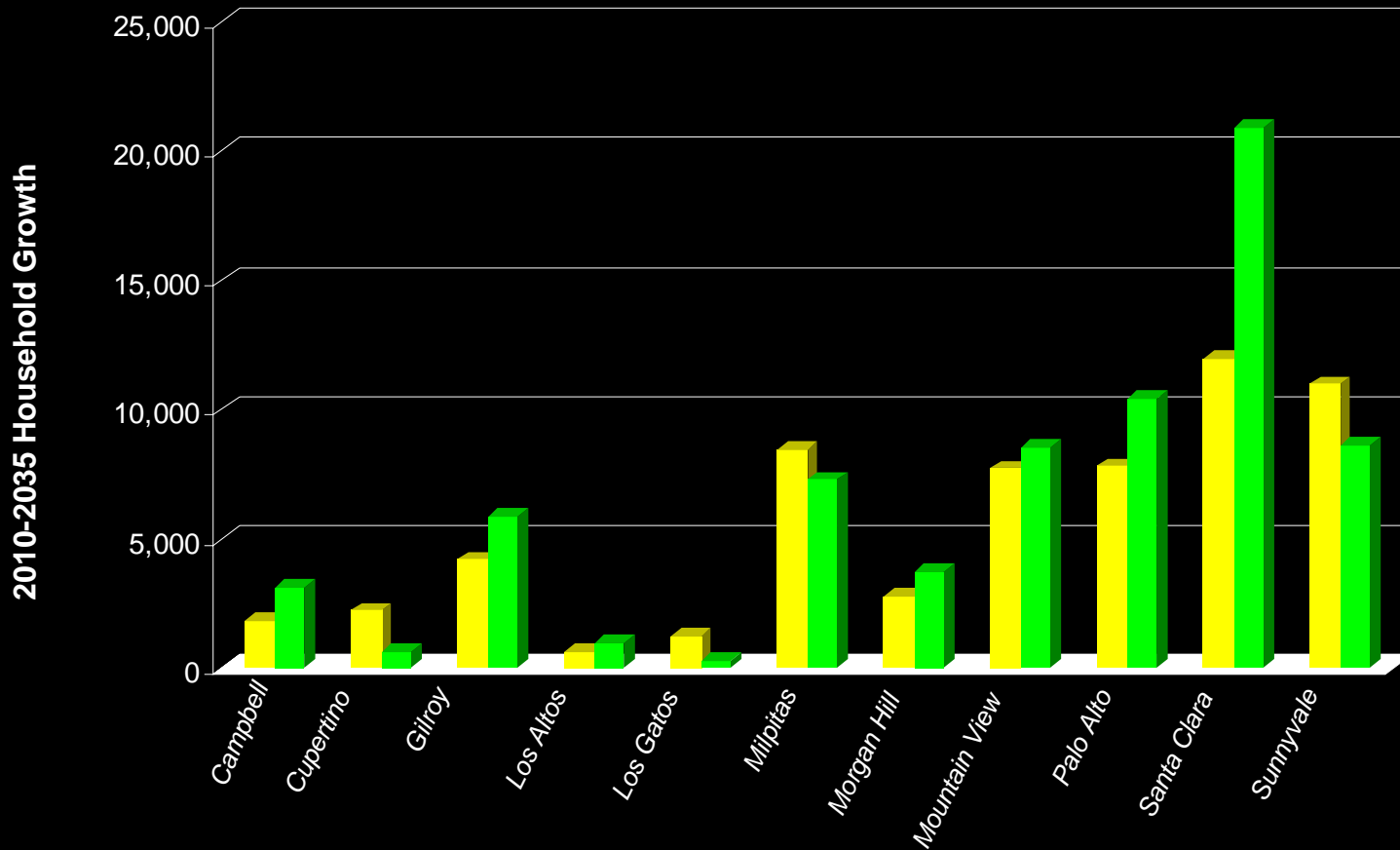
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■ Scattered Success
■ Focused Future

Two Futures, Circa 2035

Santa Clara County Housing



what if?

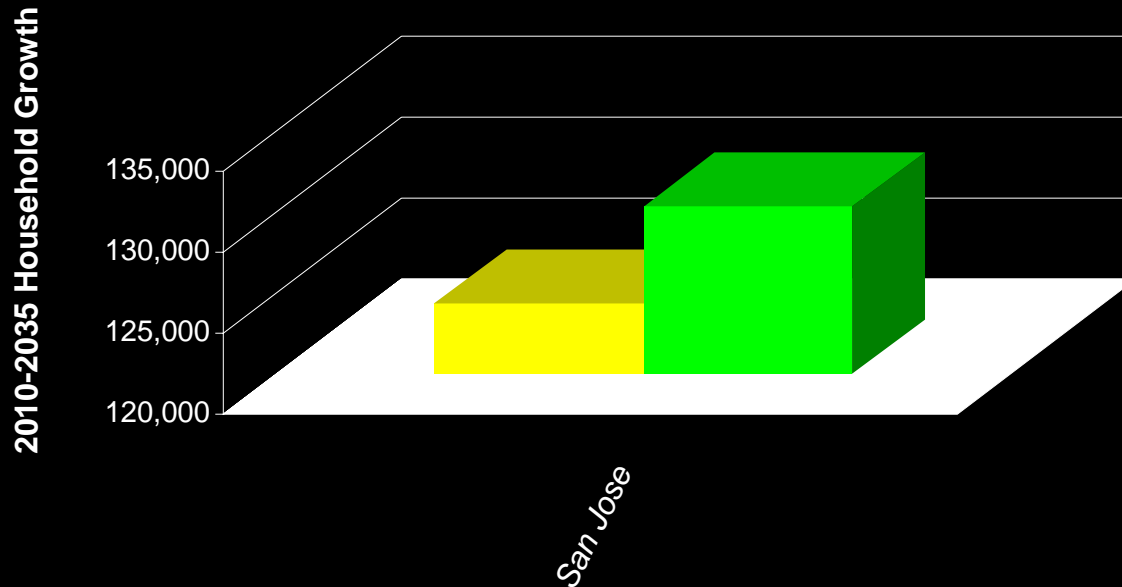
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Scattered Success
Focused Future

Two Futures, Circa 2035

Santa Clara County Housing



what if?

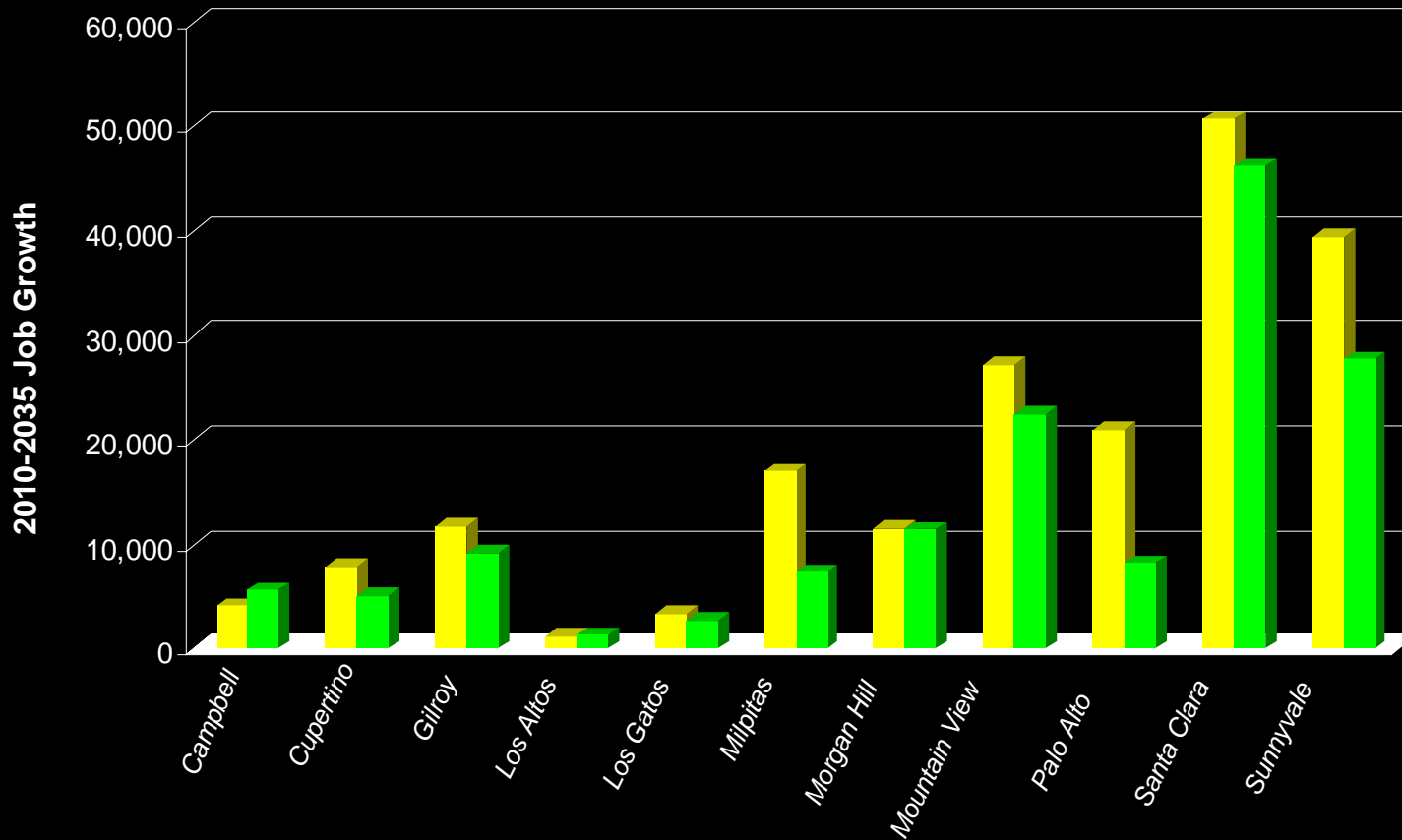
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 Scattered Success
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Two Futures, Circa 2035

Santa Clara County Jobs



what if?

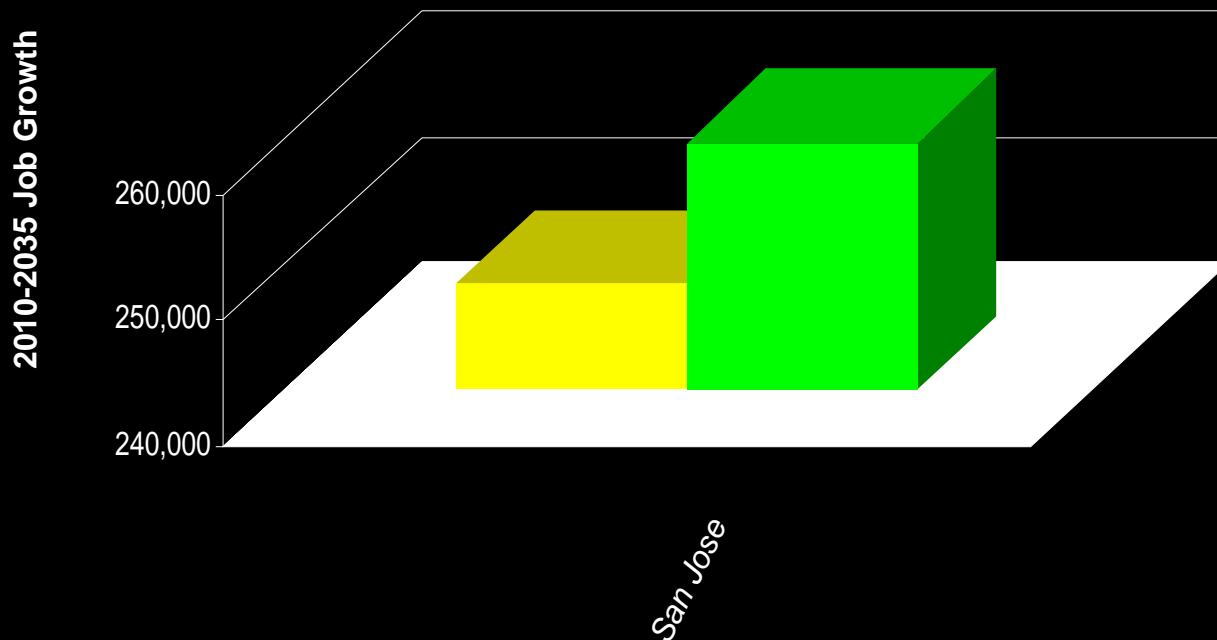
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Scattered Success
Focused Future

Two Futures, Circa 2035

Santa Clara County Jobs



what if?

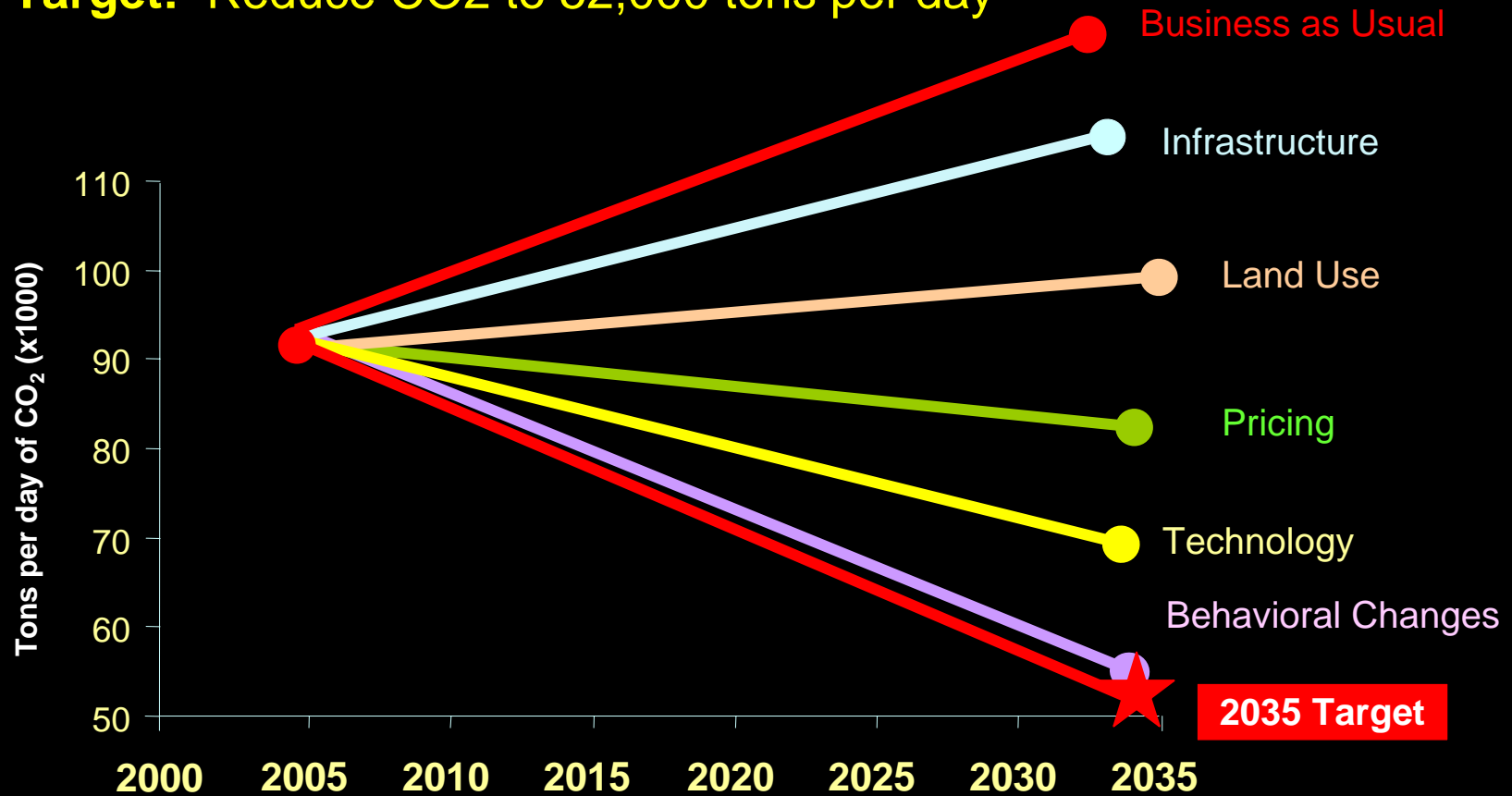
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Scattered Success
Focused Future

Land Use Necessary, Not Sufficient

Target: Reduce CO₂ to 52,000 tons per day



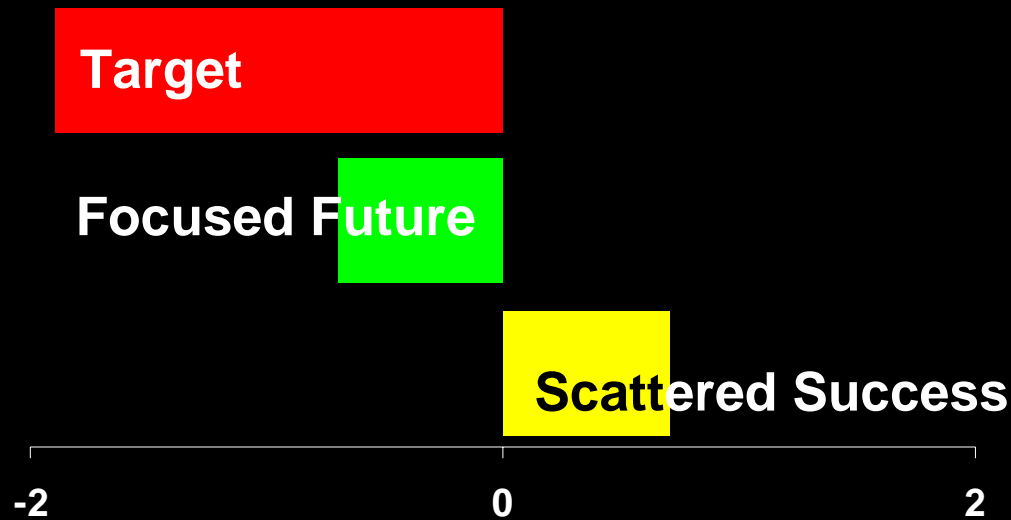
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Land Use Performance

Regional VMT per/capita



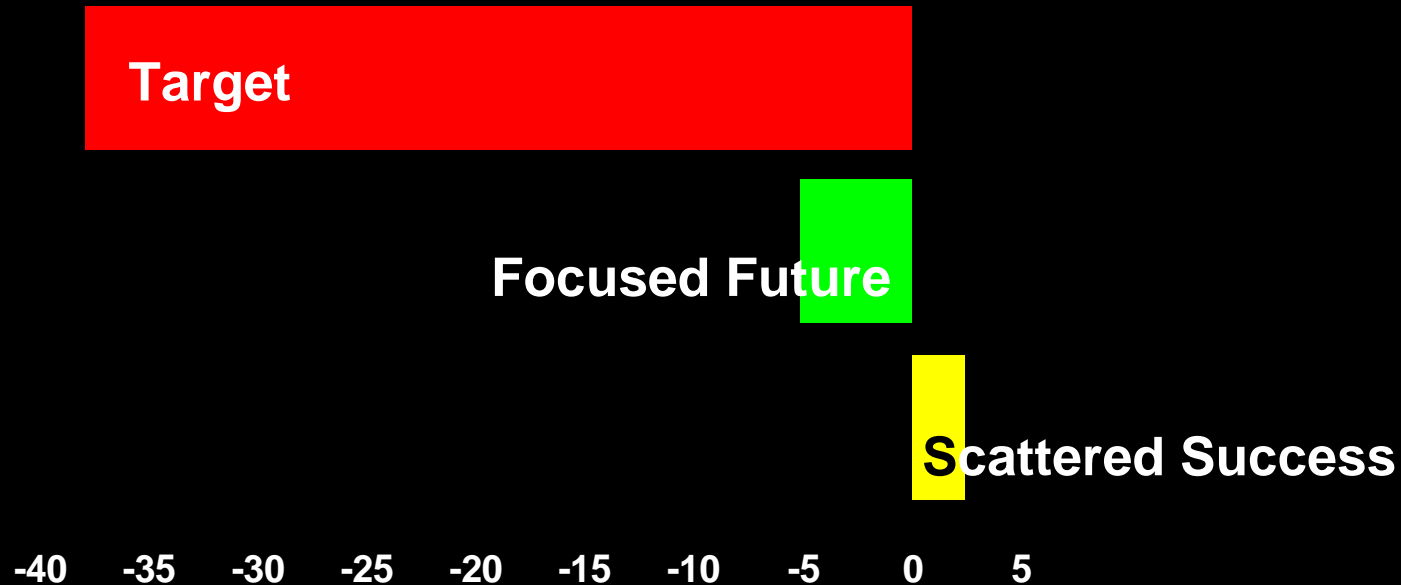
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Land Use Performance

Regional CO₂ Emissions



what if?

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Land Use Performance

Regional Delay per/capita

Target

Focused Future

Scattered Success

-6

-1

4

9

14

what if?

alternative growth scenarios



Land Use Performance

Regional Particulate Matter₁₀

Target

Focused Future

Scattered Success

-31 -26 -21 -16 -11 -6 -1 4 9 14 19 24 29

what if?

alternative growth scenarios



Land Use Performance

Regional Particulate Matter_{2.5}

Target

Focused Future

Scattered Success

-3

-1

1

3

5

7

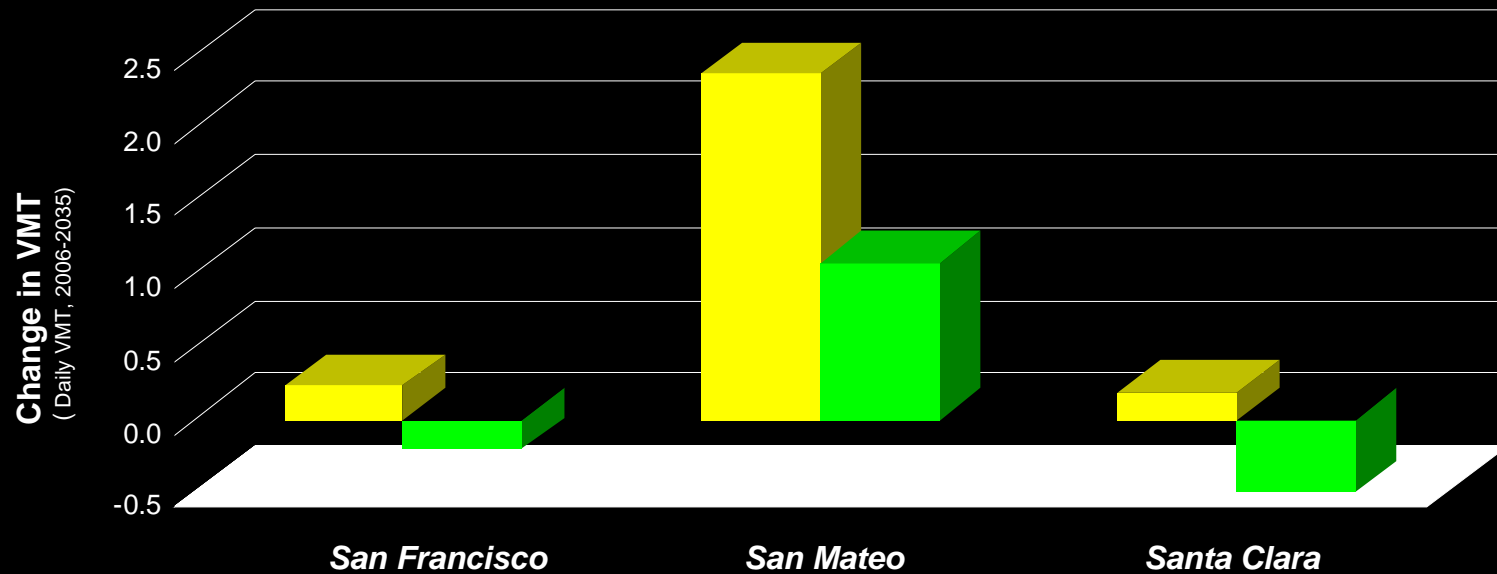
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Two Futures, Circa 2035

Alternative Futures Driving (VMT/capita)



■ Scattered Success
■ Focused Future

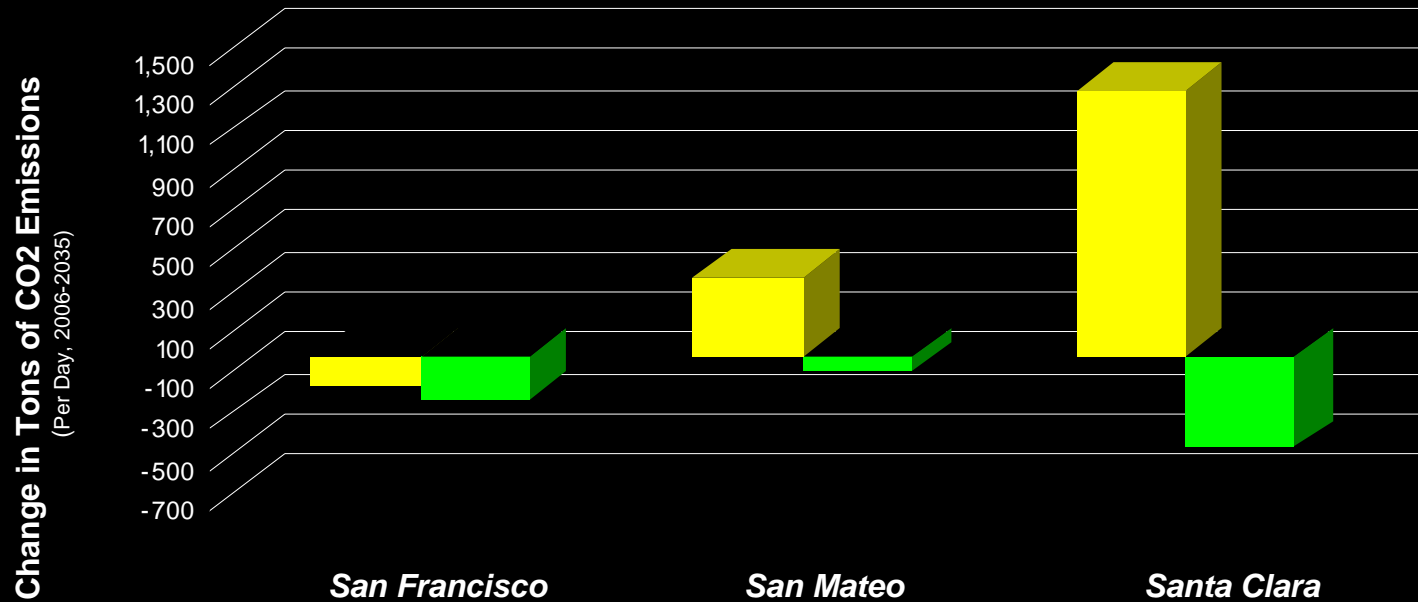
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Two Futures, Circa 2035

Alternative Futures CO₂ Emissions



■ Scattered Success
■ Focused Future

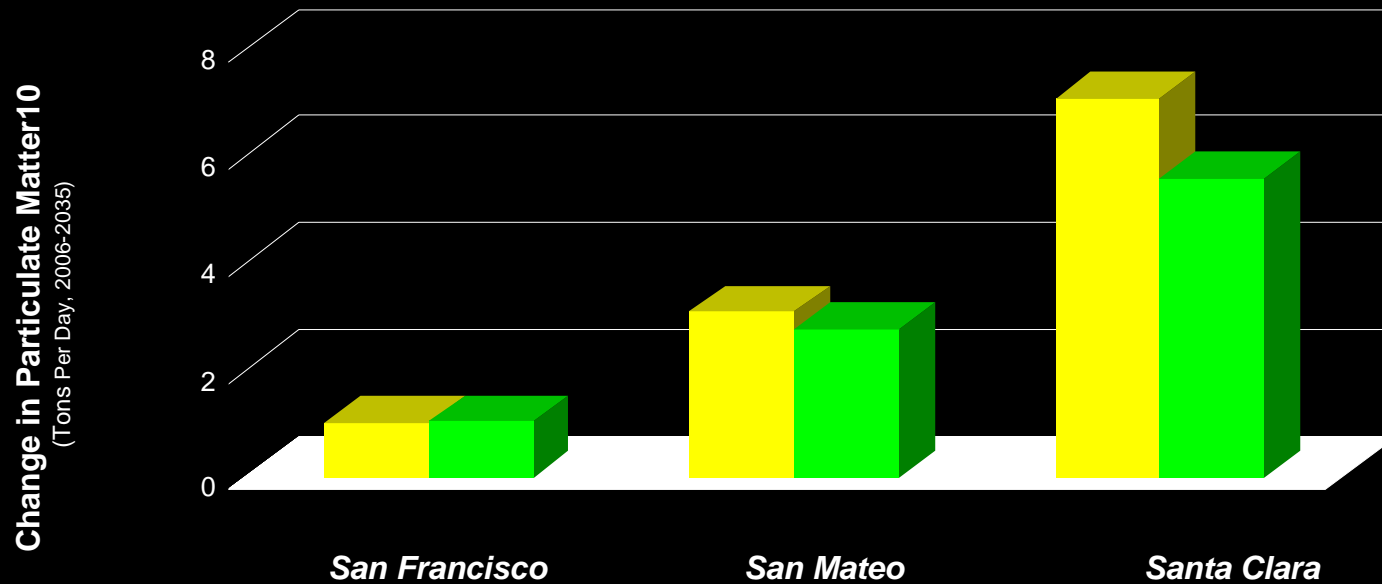
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Two Futures, Circa 2035

Alternative Futures Particulate Matter₁₀



■ Scattered Success
■ Focused Future

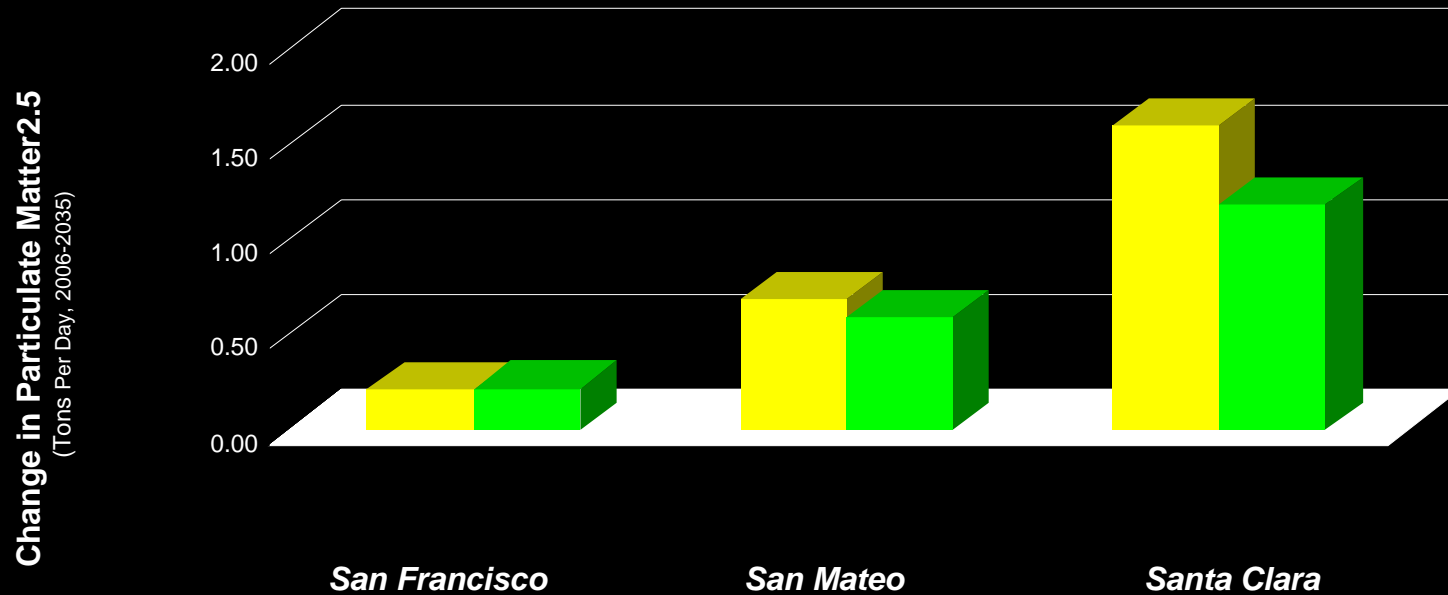
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Two Futures, Circa 2035

Alternative Futures Particulate Matter_{2.5}



Scattered Success
Focused Future

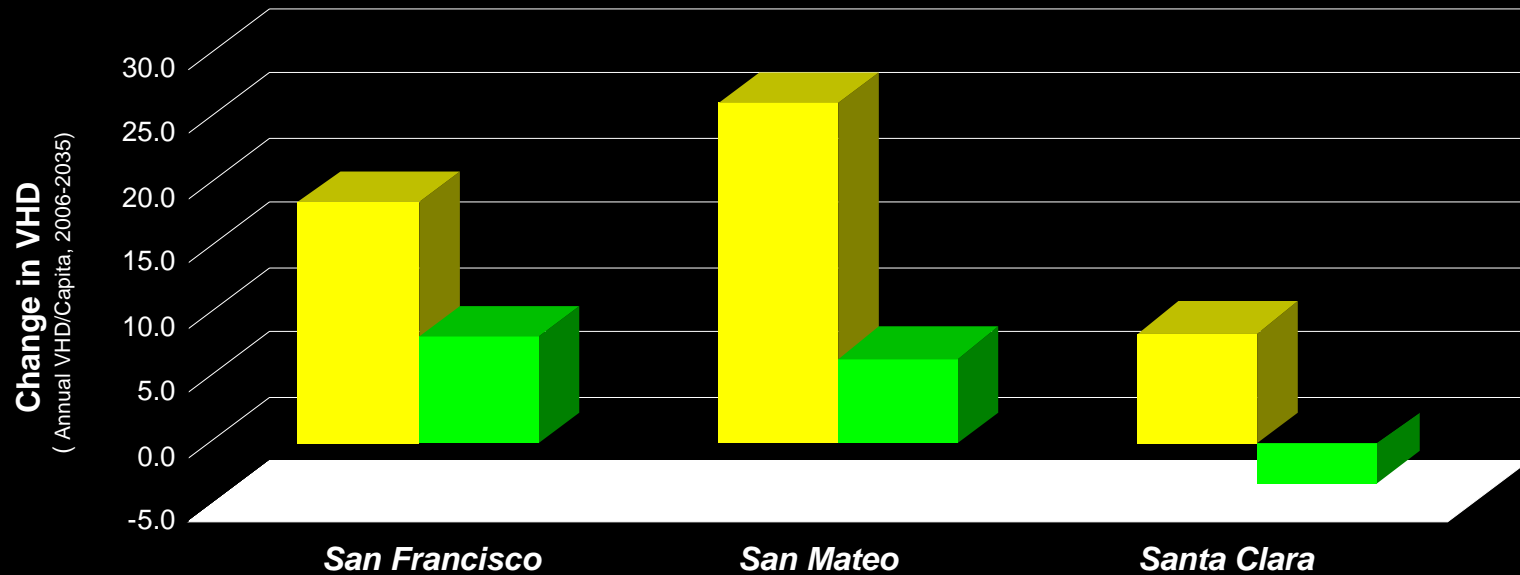
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Two Futures, Circa 2035

Alternative Futures Annual Delay (VHD/capita)



■ Scattered Success
■ Focused Future

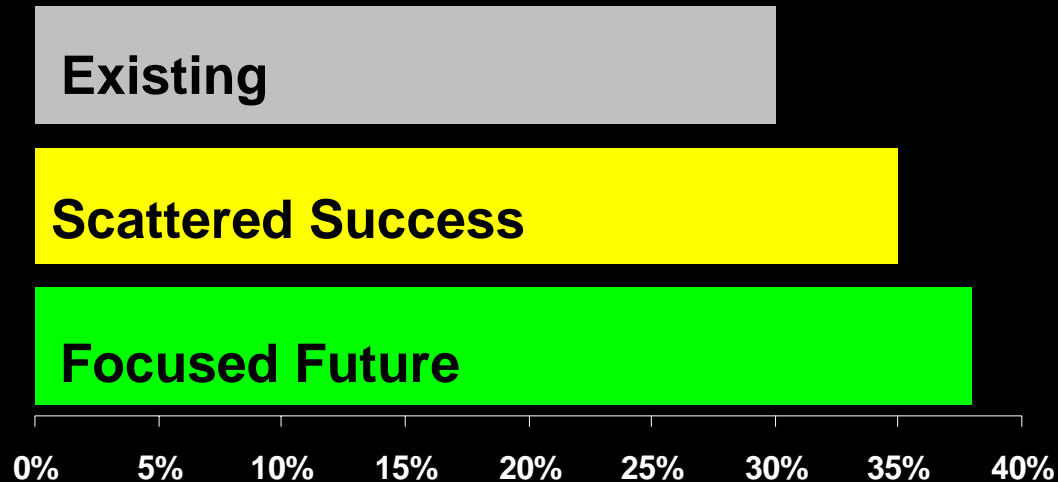
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Two Futures, Circa 2035

Santa Clara County Population Living near Transit



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